846 Inventory Inquiry/Advice

Functional Group ID=IB

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

1. Owners use this transaction set to request that distribution depot(s)/storage activities reclassify inventory items, to inquire about the status of previously submitted reclassification requests, and to reply to distribution depot/storage activity extension requests. Distribution depot(s)/Storage activities use this transaction set to request reclassification extensions and deny reclassification requests.

2. Use a single occurrence of this transaction set to exchange transactions between a single owner and a single or multiple distribution depots/storage activities, or between a single distribution depot/storage activity and a single or multiple owners. Use one occurrence of this transaction set to transmit a single or multiple transactions.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	DTM	Date/Time Reference	O	10		
Not Used	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
Not Used	075	MEA	Measurements	O	20		
			LOOP ID - N1			5	
Must Use	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		
Not Used	100	N3	Address Information	O	2		
Not Used	110	N4	Geographic Location	O	1		
Not Used	120	REF	Reference Identification	O	12		
Not Used	130	PER	Administrative Communications Contact	O	3		

				Req.		Loop	Notes and

			LOOP ID - LM			10	
Not Used	140	LM	Code Source Information	O	1		
Not Used	150	LQ	Industry Code	M	100		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			10000	
Must Use	010	LIN	Item Identification	M	1		
Not Used	030	PID	Product/Item Description	O	200		
Not Used	040	MEA	Measurements	O	40		
Not Used	050	PKG	Marking, Packaging, Loading	O	25		
	100	DTM	Date/Time Reference	O	10		
Not Used	110	CTP	Pricing Information	O	25		
Not Used	120	CUR	Currency	O	1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	140	REF	Reference Identification	O	>1		
Not Used	150	PER	Administrative Communications Contact	O	3		
Not Used	220	SDQ	Destination Quantity	O	500		
Not Used	230	MAN	Marks and Numbers	O	1		
Not Used	235	UIT	Unit Detail	O	5		
	240	CS	Contract Summary	O	1		
Not Used	250	DD	Demand Detail	O	>1		
Not Used	255	G53	Maintenance Type	O	1		
Not Used	256	PCT	Percent Amounts	O	>1		
Not Used	257	LDT	Lead Time	O	12		
			LOOP ID - LM			10	
Not Used	260	LM	Code Source Information	O	1		
Not Used	270	LQ	Industry Code	M	100		
			LOOP ID - SLN			1000	
Not Used	280	SLN	Subline Item Detail	O	1		
Not Used	290	PID	Product/Item Description	O	200		
Not Used	300	MEA	Measurements	O	40		
Not Used	310	PKG	Marking, Packaging, Loading	O	25		
			LOOP ID - MAN			100	
Not Used	312	MAN	Marks and Numbers	O	1		
Not Used	314	MEA	Measurements	O	40		
			LOOP ID - QTY			99	
	320	QTY	Quantity	O	1		
Not Used	330	UIT	Unit Detail	O	12		
Not Used	340	MEA	Measurements	O	25		
Not Used	350	LDT	Lead Time	O	12		
Not Used	355	DTM	Date/Time Reference	O	10		
			LOOP ID - SCH			25	
Not Used	360	SCH	Line Item Schedule	O	1		

Not Used	370	MEA	Measurements	O	25		
			LOOP ID - LM			>1	
	375	LM	Code Source Information	O	1		
Must Use	376	LQ	Industry Code	M	100		
	380	LS	Loop Header	O	1		
			LOOP ID - REF			>1	
	390	REF	Reference Identification	O	1		n1
	400	DTM	Date/Time Reference	O	>1		
	410	N1	Name	O	1		
			LOOP ID - LM			10	
Not Used	420	LM	Code Source Information	O	1		
Not Used	430	LQ	Industry Code	M	100		
	440	LE	Loop Trailer	O	1		
			LOOP ID - N1			200	
	450	N1	Name	O	1		
Not Used	460	N2	Additional Name Information	O	2		
Not Used	470	N3	Address Information	O	2		
Not Used	480	N4	Geographic Location	O	1		
Not Used	490	REF	Reference Identification	O	12		
Not Used	500	PER	Administrative Communications Contact	O	3		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n2
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.
2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Segment:		$\mathbf{ST}$ **Transaction Set Header**	
Position:		010	
Loop:			
Level:		Heading	
Usage:		Mandatory	
Max Use:		1	
Purpose:		To indicate the start of a transaction set and to assign a control number	
Syntax Notes:			
Semantic Notes:		**1**	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			846 Inventory Inquiry/Advice	
Must Use	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

Segment:	**BIA** Beginning Segment for Inventory Inquiry/Advice			
Position:	020			
Loop:				
Level:	Heading			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the beginning of an Inventory Inquiry/Advice Transaction Set			
Syntax Notes:				
Semantic Notes:	**1** BIA03 identifies the number of the inquiry/advice that is transferred.			
	2 BIA04 identifies the date of the inquiry/advice that is transferred.			
	3 BIA05 identifies the time of the inquiry/advice that is transferred.			
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

00	Original
77	Simulation Exercise

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Must Use	BIA02	755	**Report Type Code**	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

AR	Asset Reclassification Extension Request

Distribution depots use for asset reclassification extension request transactions.

AX	Asset Reclassification Extension Response

Owners use for asset reclassification extension response transactions.

TD	Asset Reclassification Response

Distribution depots use for reclassification denial transactions.

TE	Asset Reclassification Request

Owners use for reclassification request and reclassification inquiry transactions.

| **Must Use** | **BIA03** | **127** | **Reference Identification** | **M** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.

| **Must Use** | **BIA04** | **373** | **Date** | **M** | **DT 8/8** |

Date expressed as CCYYMMDD

This date is the date of transaction set preparation and corresponds to the Universal Time Coordinate (UTC).

| | **BIA05** | **337** | **Time** | **O** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. Express the originating activity's time of transaction set preparation in UTC.

2. Express time in a four-position (HHMM) format.

| **Not Used** | **BIA06** | **306** | **Action Code** | **O** | **ID 1/2** |

Code indicating type of action

Segment:	**N1** Name	
Position:	080	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:	*Must use this 1/N1/080 loop to identify the organization originating the transaction set.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

Use only one of codes SB or Z4.

SB   Storage Area

Use to identify a depot or storage activity.

Z4   Owning Inventory Control Point

An inventory control organization responsible for management of a particular item

	Ref. Des.	Data Element	Name	Attributes
Not Used	N102	93	**Name**	**X AN 1/60**

Free-form name

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
M4	Department of Defense Routing Identifier Code (RIC)

An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

| Must Use | N104 | 67 | **Identification Code** | X | AN 2/80 |

Code identifying a party or other code

| Not Used | N105 | 706 | **Entity Relationship Code** | O | ID 2/2 |

Code describing entity relationship

| Must Use | N106 | 98 | **Entity Identifier Code** | O | ID 2/3 |

Code identifying an organizational entity, a physical location, property or an individual

FR   Message From

> ***Must use in conjunction with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.***

Segment:	**LIN** Item Identification	
Position:	010	
Loop:	LIN	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify basic item identification data	

Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1	LIN01 is the line item identification
Comments:	1	See the Data Dictionary for a complete list of IDs.
	2	LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:		*Must use the 2/LIN/010 loop to identify the type of transaction, material, transaction number, and inventory information associated with the reclassification transaction.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	LIN01	350	**Assigned Identification**	**O AN 1/20**

Alphanumeric characters assigned for differentiation within a transaction set

Must use with asset reclassification request transactions (1/BIA/020/BIA02 code TE) to differentiate between a request and an inquiry; must use with asset reclassification extension (1/BIA/020/BIA02 code AR, AX, or TD) response transactions only when disapproving an extension request; otherwise do not use. Cite one of the following codes:

1 - Owner asset reclassification request
2 - Owner asset reclassification inquiry
3 - Disapproval for asset reclassification extension request

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LIN02**	235	**Product/Service ID Qualifier**	**M ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Use only one of codes A1, A2, A4, FB, FS, MG, or YP to identify the reclassification item. Must use National Stock Number (NSN) when known.

A1	Plant Equipment Number	
	Item identifier is a plant equipment number	
	Use to identify plant equipment.	

A2	Department of Defense Identification Code (DoDIC)	
	Qualifies a code that uniquely identifies a type of explosive or ammunition	
	Use to identify ammunition items.	

A4	Subsistence Identification Number	
	Item identifier is a brand-name resale subsistence item	
	Use to identify subsistence items.	

FB	Form Number	
	Use to identify the form stock number.	

FS	National Stock Number	
	Must use the NSN when known.	

MG	Manufacturer's Part Number	
	Use to identify nonstandard material.	

YP	Publication Number	
	Use to identify the publication stock number.	

Must Use	LIN03	234	**Product/Service ID**	M	AN 1/48

Identifying number for a product or service

	LIN04	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

ZB	Commercial and Government Entity (CAGE) Code	
	A code that identifies a commercial contractor authorized to do business with the U.S. government	
	Use with LIN02 code MG to uniquely identify a manufacturer's part number.	

	LIN05	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN06	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN07	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN08	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN09	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN10	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN11	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN12	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN13	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN14	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN15	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN16	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN17	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN18	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN19	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN20	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN21	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN22	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN23	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN24	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN25	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN26	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN27	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN28	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN29	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN30	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN31	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	Segment:	**DTM** Date/Time Reference
	Position:	100
	Loop:	LIN Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify pertinent dates and times
	Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
		2 If DTM04 is present, then DTM03 is required.
		3 If either DTM05 or DTM06 is present, then the other is required.
	Semantic Notes:	
	Comments:	
	Notes:	*Use multiple repetitions to identify dates associated with the transaction.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

Use two occurrences of code 036, as needed, for the reclassification request transaction only. The first occurrence identifies the current categorization associated with the suspended or suspected material. The second occurrence identifies the categorization to which the suspended or suspected material should be reclassified.

036   Expiration

Date coverage expires

Use to identify the expiration date for subsistence items.

097   Transaction Creation

Use to identify the date the transaction was prepared.

106   Required By

Use only in reclassification request transactions to identify the date by which reclassification action must be completed.

171   Revision

Use only in extension request transactions to identify the date by which the reclassification action can be completed.

508   Extended

The extended date for a performance requirement

Use only in extension response transactions to identify the approved revision to the date by which the reclassification action must be completed.

		510	Date Packed		

For subsistence items use for reclassification request transactions to identify the date packed for the reported material.

Must Use	DTM02	373	**Date**	X	DT 8/8

Date expressed as CCYYMMDD

Not Used	DTM03	337	**Time**	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	DTM04	623	**Time Code**	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Not Used	DTM05	1250	**Date Time Period Format Qualifier**	X	ID 2/3

Code indicating the date format, time format, or date and time format

Not Used	DTM06	1251	**Date Time Period**	X	AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**REF** Reference Identification	
Position:	140	
Loop:	LIN Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	**1**	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	**1**	REF04 contains data relating to the value cited in REF02.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

C7   Contract Line Item Number

Use a second occurrence of code C7, as needed, for the reclassification request only. The first occurrence in 2/CS04/240 identifies the current categorization associated with the suspended or suspected material. The second occurrence identifies the categorization as needed to identify the Contract Line Item Number (CLIN), or the CLIN including the Subcontract Line Item Number (SUBCLIN) to which the suspended or suspected material should be reclassified.

F8   Original Reference Number

Use in reclassification request transactions to identify the transaction number previously assigned to the receipt for which reclassification is requested. For suspended receipts, cite the transaction number of the material receipt. For suspended material previously transferred to a suspended condition as a result of an inventory adjustment, cite the transaction number of the adjustment.

PH   Priority Rating

Use for reclassification request transactions to identify the urgency associated with the reclassification action. Cite one of the following codes in REF02:

			1-High priority		
			2-Normal priority		
			3-Low priority		
		SI	Shipper's Identifying Number for Shipment (SID)		
			A unique number (to the shipper) assigned by the shipper to identify the shipment		
			Use for reclassification request transactions only to identify the vendor assigned shipment number (e.g., to distinguish between multiple shipments for a single CLIN) for a previously reported procurement receipt that has been suspended, if applicable.		
		TN	Transaction Reference Number		
			For suspected items in a non-suspended condition, cite the Inventory Control Point (ICP) assigned transaction number controlling the reclassification action.		
Must Use	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
	REF04	C040	Reference Identifier	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Must Use	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
		W8	Suffix		
			Differentiates between partial actions taken on the original transaction		
			Use in reclassification request transactions to identify the suffix code assigned to the original reference number (Code F8) cited in REF01.		
Must Use	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3

Code qualifying the Reference Identification

Not Used   **C04006**   **127**   **Reference Identification**   **X**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**CS** Contract Summary	
Position:	240	
Loop:	LIN	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To provide information about a contract	
Syntax Notes:	1	If either CS04 or CS05 is present, then the other is required.
Semantic Notes:	1	CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity.
	2	CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity.
	3	CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken.
	4	CS14 is the Unit of Measure stipulated in the contract.
	5	CS15 is the contract line item number (CLIN) unit price specified in the contract.
	6	CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract.
	7	CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract.
Comments:	1	CS04 may be used to identify the Contract Line Item Number (CLIN) or Extended (or Exhibit) Line Item Number (ELIN).
	2	CS07 and CS13 can be used to indicate two different types of special services required.
Notes:		*Use to identify contract information associated with the reclassification.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	CS01	367	**Contract Number**	O	AN 1/30
			Contract number		
			Use only for reclassification request transactions to identify the contract number previously assigned to the procurement receipt for which classification is requested. For suspended procurement receipts, cite the contract number of the material receipt. For material previously transferred to a suspended condition as a result of an inventory adjustment, cite the adjustment contract number. For suspect assets in a non-suspended condition, cite the applicable contract number.		
Not Used	CS02	327	**Change Order Sequence Number**	O	AN 1/8
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set		
	CS03	328	**Release Number**	O	AN 1/30

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Use as needed to identify the call number or order number, or the call or order number including the respective call or order modification, associated with the contract number, if applicable.

	CS04	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

83   Extended (or Exhibit) Line Item Number (ELIN)

Identifies specific line items to be delivered for a contract

Use to identify the Exhibit Line Item Number (ELIN), or the ELIN including the (Subcontract Exhibit Line Item Number) SUBELIN, as appropriate.

C7   Contract Line Item Number

Use as needed to identify the CLIN, or the CLIN including the SUBCLIN, associated with the contract number, if applicable.

	CS05	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	CS06	324	**Purchase Order Number**	O	AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser

Not Used	CS07	560	**Special Services Code**	O	ID 2/10

Code identifying the special service

Not Used	CS08	433	**F.O.B. Point Code**	O	ID 2/2

Code identifying type of F.O.B. point

Not Used	CS09	954	**Percent**	O	R 1/10

Percentage expressed as a decimal

Not Used	CS10	954	**Percent**	O	R 1/10

Percentage expressed as a decimal

Not Used	CS11	782	**Monetary Amount**	O	R 1/18

Monetary amount

Not Used	CS12	336	**Terms Type Code**	O	ID 2/2

Code identifying type of payment terms

Not Used	CS13	560	**Special Services Code**	O	ID 2/10

Code identifying the special service

Not Used	CS14	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	CS15	212	**Unit Price**	O	R 1/17

Price per unit of product, service, commodity, etc.

Not Used	**CS16**	**336**	**Terms Type Code**	**O**	**ID 2/2**
			Code identifying type of payment terms		
Not Used	**CS17**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
			Code indicating a Yes or No condition or response		
Not Used	**CS18**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
			Code indicating a Yes or No condition or response		

Segment:	**QTY** Quantity	
Position:	320	
Loop:	QTY Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify quantity information	
Syntax Notes:	1 At least one of QTY02 or QTY04 is required.	
	2 Only one of QTY02 or QTY04 may be present.	
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.	
Comments:		
Notes:	*Use multiple iterations of the 2/QTY/320 loop to stratify quantity on hand by material classification. Use only in material reclassification requests.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M ID 2/2

Code specifying the type of quantity

QH   Quantity on Hold

Product which cannot be shipped at the present time for any reason, exclusive of damaged quantity

Use only for reclassification request transactions to identify the quantity for which reclassification is requested.

Must Use	QTY02	380	**Quantity**	X R 1/15

Numeric value of quantity

Express as a whole number with no decimals.

Not Used	QTY03	C001	**Composite Unit of Measure**	O

To identify a composite unit of measure (See Figures Appendix for examples of use)

Not Used	C00101	355	**Unit or Basis for Measurement Code**	M ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00102	1018	**Exponent**	O R 1/15

Power to which a unit is raised

Not Used	C00103	649	**Multiplier**	O R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00104	355	**Unit or Basis for Measurement Code**	O ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00105	1018	**Exponent**	O R 1/15

Power to which a unit is raised

Not Used	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	QTY04	61	**Free-Form Message**	X	AN 1/30
			Free-form information		

Segment:	**LM** Code Source Information		
Position:	375		
Loop:	LM Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit standard code list identification information		
Syntax Notes:			
Semantic Notes:			
Comments:	**1** LM02 identifies the applicable industry code list source information.		
Notes:	*Use the 2/LM/375 loop to identify coded information maintained in department or agency documentation.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LM01**	**559**	**Agency Qualifier Code**	**M ID 2/2**
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	**LM02**	**822**	**Source Subqualifier**	**O AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code	
Position:	376	
Loop:	LM Optional	
Level:	Detail	
Usage:	Mandatory	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.	
Semantic Notes:		
Comments:		
Notes:	*Use this segment to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	**Code List Qualifier Code**	O ID 1/3

Code identifying a specific industry code list

1. Use a single occurrence of code 84 for reclassification requests.

2. Use two occurrences of codes 83, 87, and either 99 or A1 (but not both) as needed for reclassification requests. The first occurrence identifies the current classification associated with suspended or suspected material. The second occurrence of each code identifies the classification to which the suspended or suspected material should be reclassified.

83	Supply Condition Code	

Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable

Use to identify the supply condition of the material.

84	Management Code	

Supplemental information not covered by the transaction coding structure

Use to identify supplemental management information associated with processing the transaction.

87	Subsistence Type of Pack Code	

A certain level of protection from the packing or outside shipping container for perishable and nonperishable subsistence items

Use subsistence items to identify subsistence type of pack information.

99	Purpose Code	

			Codes that inform the material owner why an inventory balance is being reserved
	A1		Ownership Code
			Items included in the inventory records of an organization that is not the owner of the items

Must Use   LQ02   1271   Industry Code   X   AN 1/30

Code indicating a code from a specific industry code list

Segment: **LS** Loop Header

Position:	380
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To indicate that the next segment begins a loop
Syntax Notes:	
Semantic Notes:	1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
Comments:	1 See Figures Appendix for an explanation of the use of the LS and LE segments.
Notes:	*Use in each 2/QTY/320 loop for reclassification request transactions, to prevent a syntax error in the use of the 2/REF/390 loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LS01	447	**Loop Identifier Code**	M AN 1/6
			The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
			Cite REF to indicate the 2/REF/390 loop.	

Segment:	**REF** Reference Identification	
Position:	390	
Loop:	REF Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify identifying information	
Syntax Notes:	**1** At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is required.	
	3 If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	**1** REF04 contains data relating to the value cited in REF02.	
Comments:		
Notes:	*Use the 2/REF/390 loop for reclassification request transactions to provide unique item tracking (UIT) information.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

BT	Batch Number	

Use to identify the manufacturer's batch number or other number identifying the production run.

LT	Lot Number	

Use to identify the lot number.

SE	Serial Number	

Use to identify the Unique Item Identifier (UII).

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF02	127	**Reference Identification**	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	Ref. Des.	Data Element	Name	Attributes
Not Used	REF03	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

	Ref. Des.	Data Element	Name	Attributes
Not Used	REF04	C040	**Reference Identifier**	O

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

	Ref. Des.	Data Element	Name	Attributes
Not Used	C04001	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

	Ref. Des.	Data Element	Name	Attributes
Not Used	C04002	127	**Reference Identification**	M AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	Ref. Des.	Data Element	Name	Attributes
Not Used	C04003	128	**Reference Identification Qualifier**	X ID 2/3

Code qualifying the Reference Identification

Not Used   **C04004**   **127**   **Reference Identification**   **X**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used   **C04005**   **128**   **Reference Identification Qualifier**   **X**   **ID 2/3**

Code qualifying the Reference Identification

Not Used   **C04006**   **127**   **Reference Identification**   **X**   **AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:		**DTM** Date/Time Reference		
Position:	400			
Loop:	REF	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify pertinent dates and times			
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.		
	2	If DTM04 is present, then DTM03 is required.		
	3	If either DTM05 or DTM06 is present, then the other is required.		
Semantic Notes:				
Comments:				
Notes:	*Use multiple repetitions as needed to identify dates related to the UIT.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	
			094 Manufacture	
			Use to identify the date of manufacture of the material identified.	
			511 Shelf Life Expiration	
			Use to identify the shelf life expiration date.	
Must Use	DTM02	373	**Date**	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	DTM03	337	**Time**	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	**Time Code**	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	**Date Time Period Format Qualifier**	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	**Date Time Period**	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment:	**N1** Name
Position:	410
Loop:	REF Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*Use to identify the manufacturer of the UIT item.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N101	98	**Entity Identifier Code**	M	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

MF   Manufacturer of Goods

	Ref. Des.	Data Element	Name	Attributes	
Not Used	N102	93	**Name**	X	AN 1/60

Free-form name

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N103	66	**Identification Code Qualifier**	X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

33   Commercial and Government Entity (CAGE)

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N104	67	**Identification Code**	X	AN 2/80

Code identifying a party or other code

	Ref. Des.	Data Element	Name	Attributes	
Not Used	N105	706	**Entity Relationship Code**	O	ID 2/2

Code describing entity relationship

	Ref. Des.	Data Element	Name	Attributes	
Not Used	N106	98	**Entity Identifier Code**	O	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

Segment:	**LE** Loop Trailer	
Position:	440	
Loop:	QTY	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To indicate that the loop immediately preceding this segment is complete	
Syntax Notes:		
Semantic Notes:	1	One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
Comments:	1	See Figures Appendix for an explanation of the use of the LE and LS segments.
Notes:		*Use in each 2/QTY/320 loop to terminate any 2/REF/390 loop iterations.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LE01**	**447**	**Loop Identifier Code**	**M AN 1/6**
			The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
			Repeat the content of 2/LS/380.	

Segment:	**N1** Name	
Position:	450	
Loop:	N1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:	*Must use this 2/N1/450 loop to identify the organization to receive the transaction.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**		**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			Use only one of codes SB or Z4.		
			SB	Storage Area	
				Use to identify a depot or storage activity.	
			Z4	Owning Inventory Control Point	
				An inventory control organization responsible for management of a particular item	
Not Used	**N102**	**93**	**Name**		**X AN 1/60**
			Free-form name		
Must Use	**N103**	**66**	**Identification Code Qualifier**		**X ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			1	D-U-N-S Number, Dun & Bradstreet	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10	Department of Defense Activity Address Code (DODAAC)	
			M4	Department of Defense Routing Identifier Code (RIC)	
				An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	**N104**	**67**	**Identification Code**		**X AN 2/80**

Code identifying a party or other code

| **Not Used** | **N105** | **706** | **Entity Relationship Code** | **O** | **ID 2/2** |

Code describing entity relationship

| **Must Use** | **N106** | **98** | **Entity Identifier Code** | **O** | **ID 2/3** |

Code identifying an organizational entity, a physical location, property or an individual

TO   Message To

Must use with the appropriate 2/N101/450 code to indicate the organization cited in N104 is receiving the transaction.

Segment:	**SE** **Transaction Set Trailer**
Position:	020
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one cited in ST02.	